

IHC*easy* MYH6 Ready-To-Use IHC Kit

Catalog Number: **KHC0341**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

MYH6 encodes the alpha-cardiac myosin heavy chain (αMHC) which is a major contractile protein exclusively expressed in the myocardium of the heart. Expression of MYH6 is down-regulated in cardiac myopathy and failing hearts. Defects in MYH6 lead to congenital heart disease (CHD), and a spectrum of phenotypes ranging from hypertrophic cardiomyopathy (HCM) and dilated cardiomyopathy (DCM).

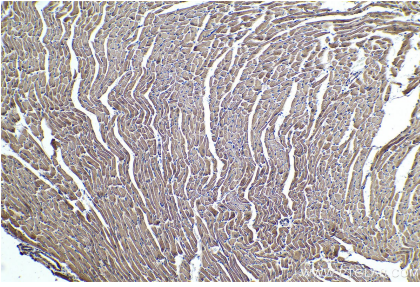
Synonyms

alpha MHC, ASD3, MYH6, MYHC, MyHC alpha, MYHCA, Myosin 6, Myosin heavy chain 6

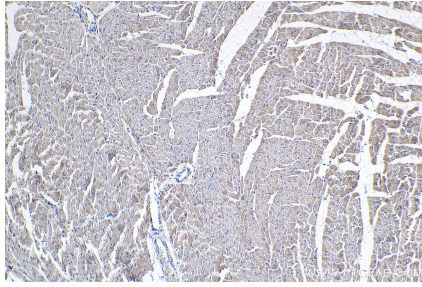
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0341 (MYH6 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0341 (MYH6 IHC Kit).